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PLOT SCALE: 1=1

DWG. SCALE:

A2413000

NOTES:

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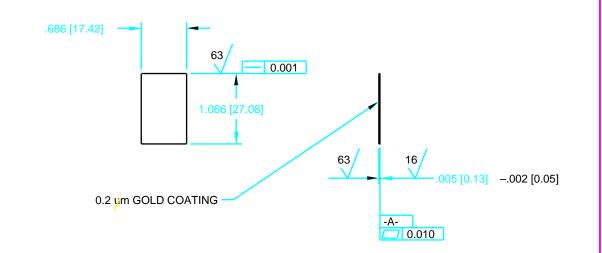
- MATERIAL: WHITE SYNTHETIC DIAMOND IS TO HAVE CERTIFIED THERMAL CONDUCTIVITY > 9 W/CM-K°
- 2. ALL DIMENSIONS ARE -.01 [.254] EXCEPT .005 [0.13]-.002 [0.05]
- 3. THE LASER CUT BLADE IS TO BE FREE OF SURFACE OR MATERIAL BLEMISHES, CRACKS OR OTHER SUCH DEFECTS.
- 4. SURFACE FLATNESS MAY BE MEASURED WITH CLAMPING THE HALF OF THE BLADE BY A PAIR OF FLAT BLOCKS.
- 5. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
- 6. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING: A) CIMCOOL 5 STAR 49 B) TRIM SOL

CHANGE DESCRIPTION

- 7. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
- 8. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1 X 10 -9 TORR CAN BE ACHIEVED

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- 9. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
- 10. BREAK ALL SHARP CORNERS 0.03
- 11. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

